

## Figures

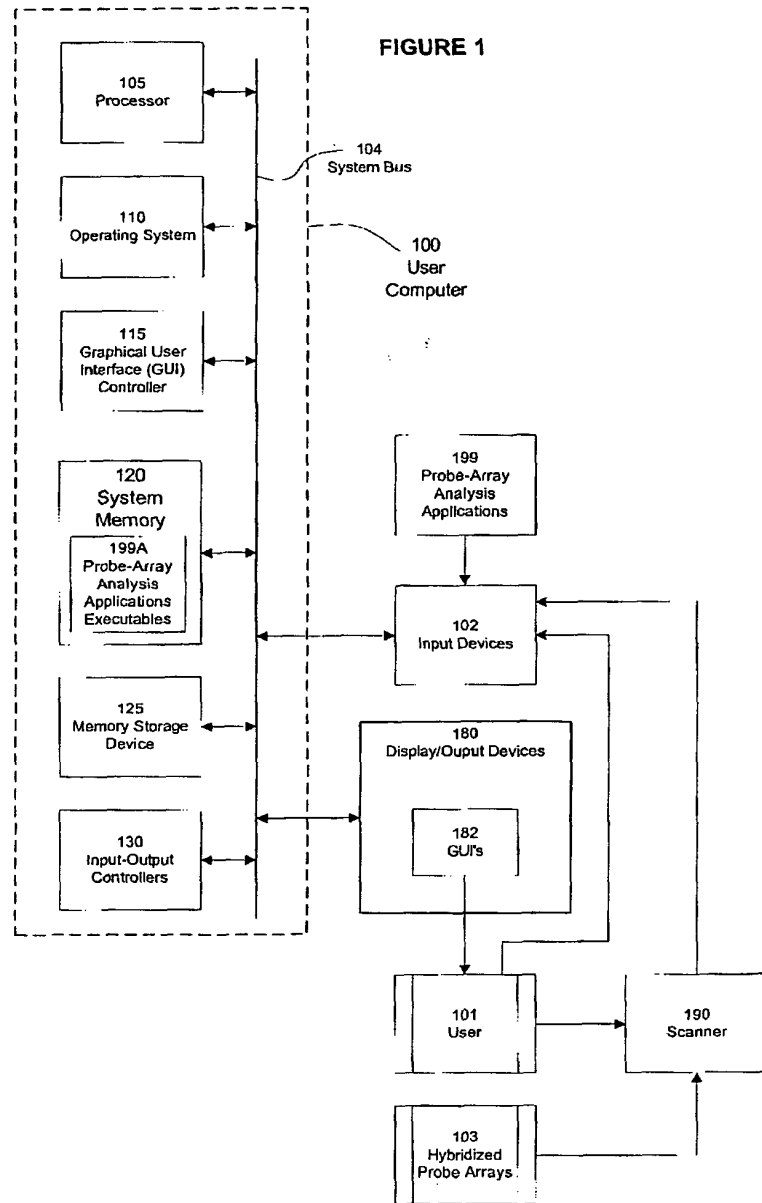


FIGURE 2

199A  
Probe-Array Analysis  
Applications Executables  
(with related data structures)

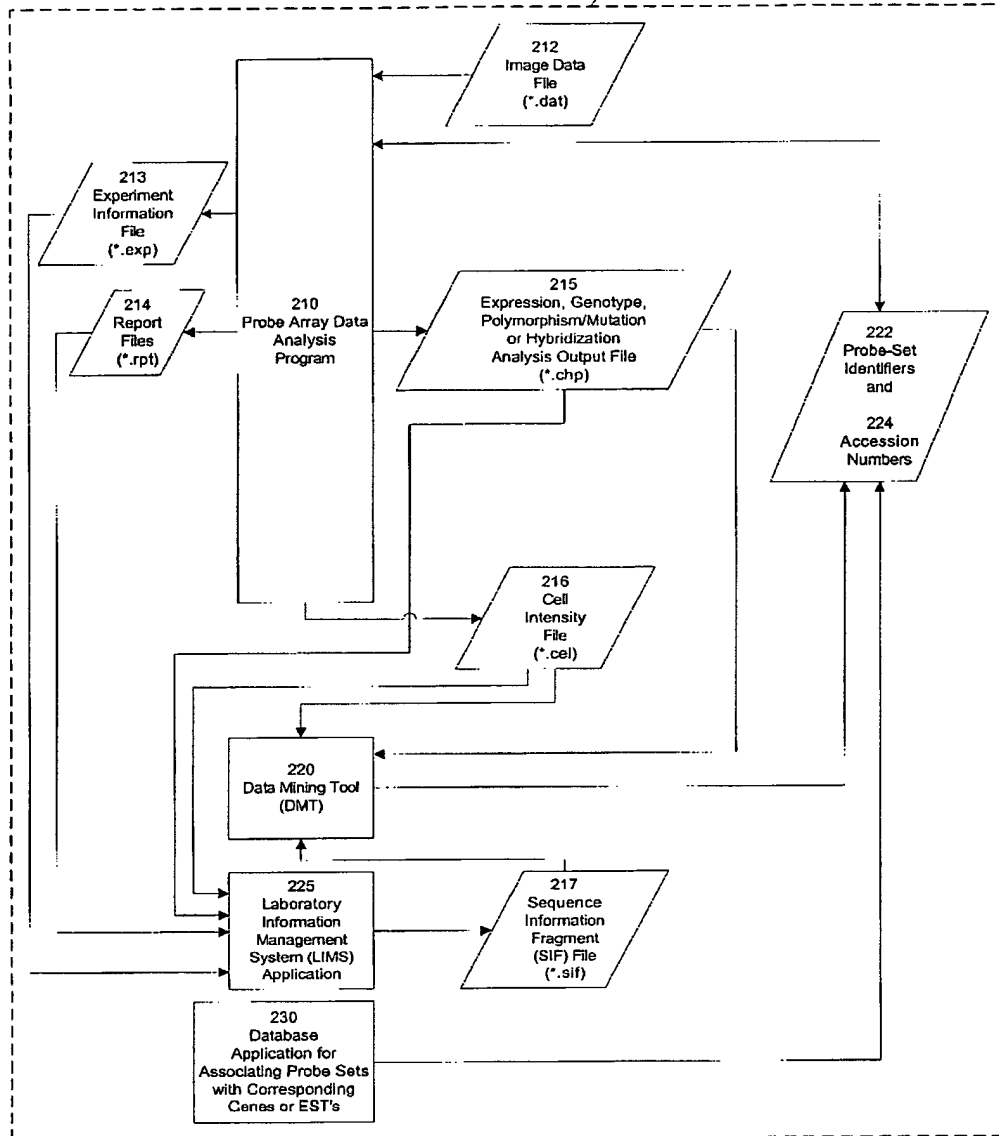


FIGURE 3  
(PRIOR ART)

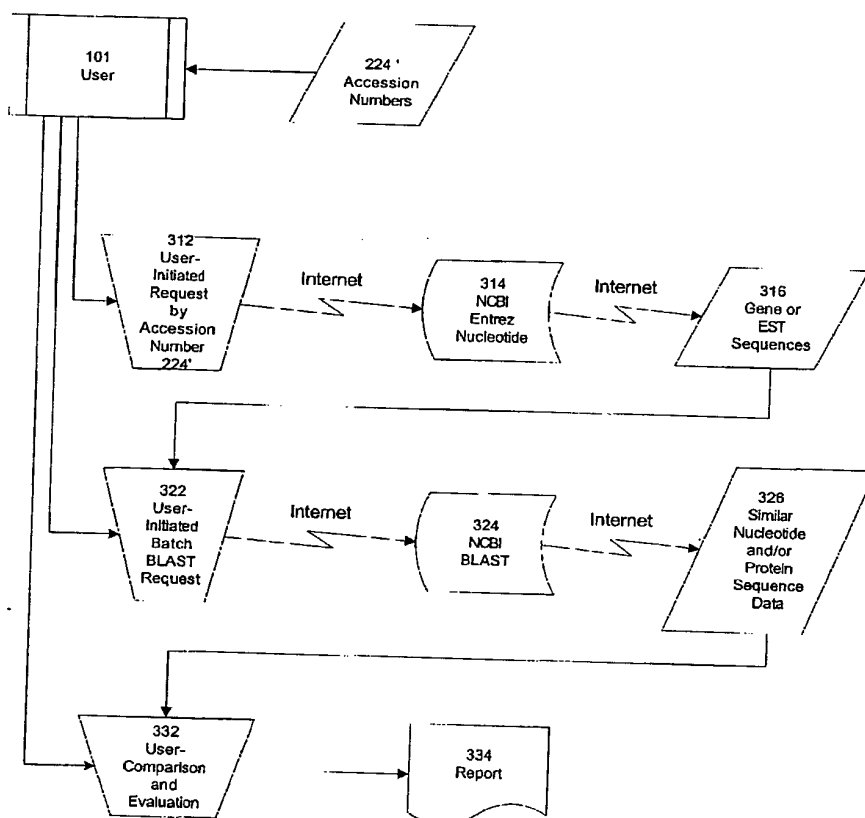




FIGURE 5

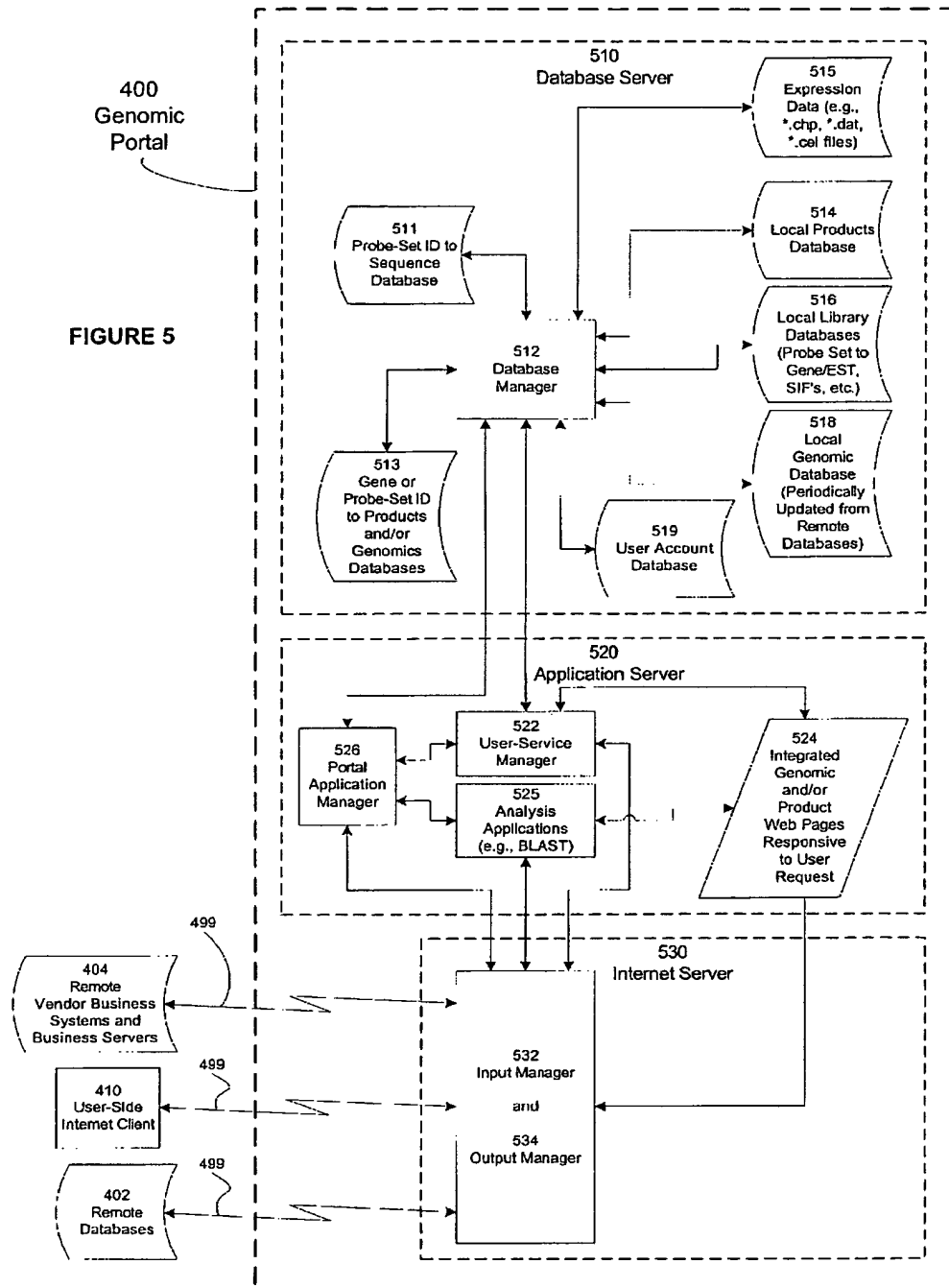


FIGURE 6

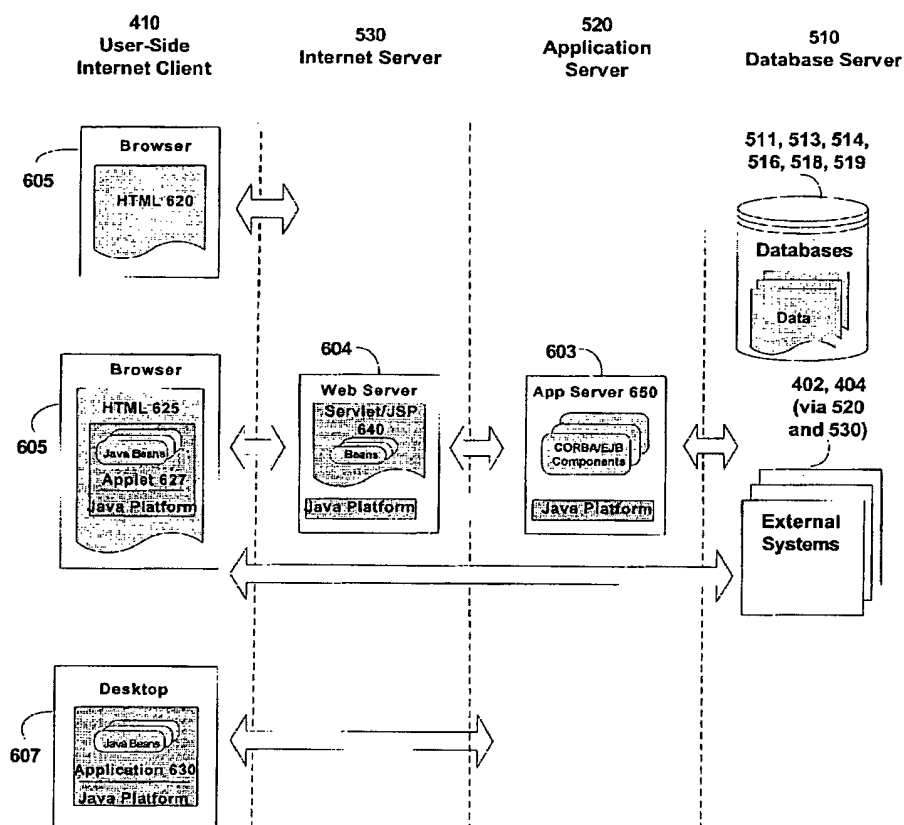


FIGURE 7A

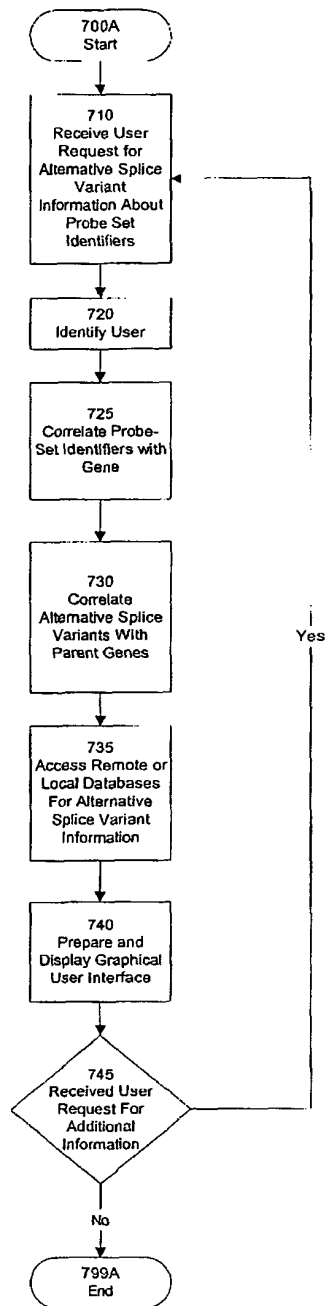




FIGURE 7B

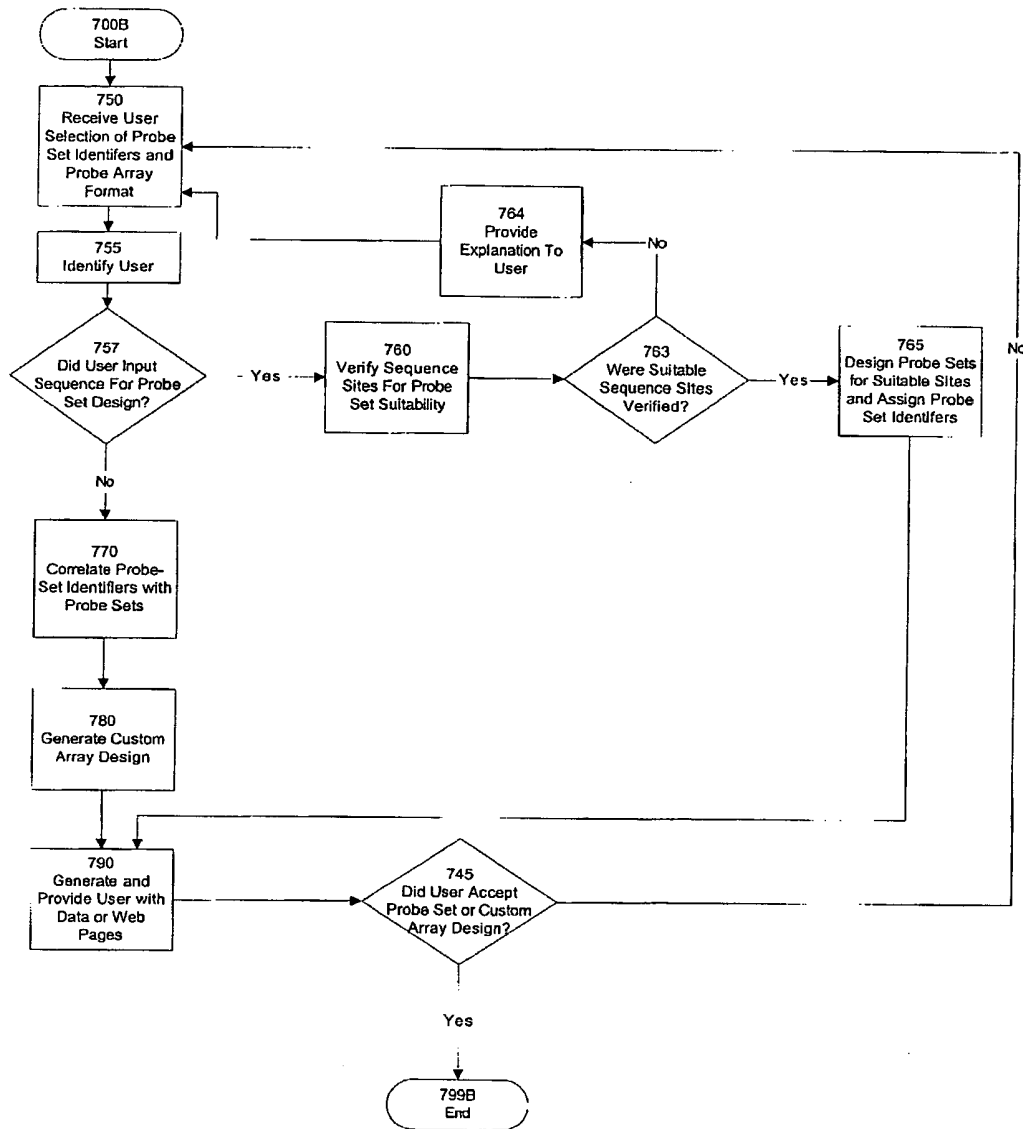


FIGURE 8

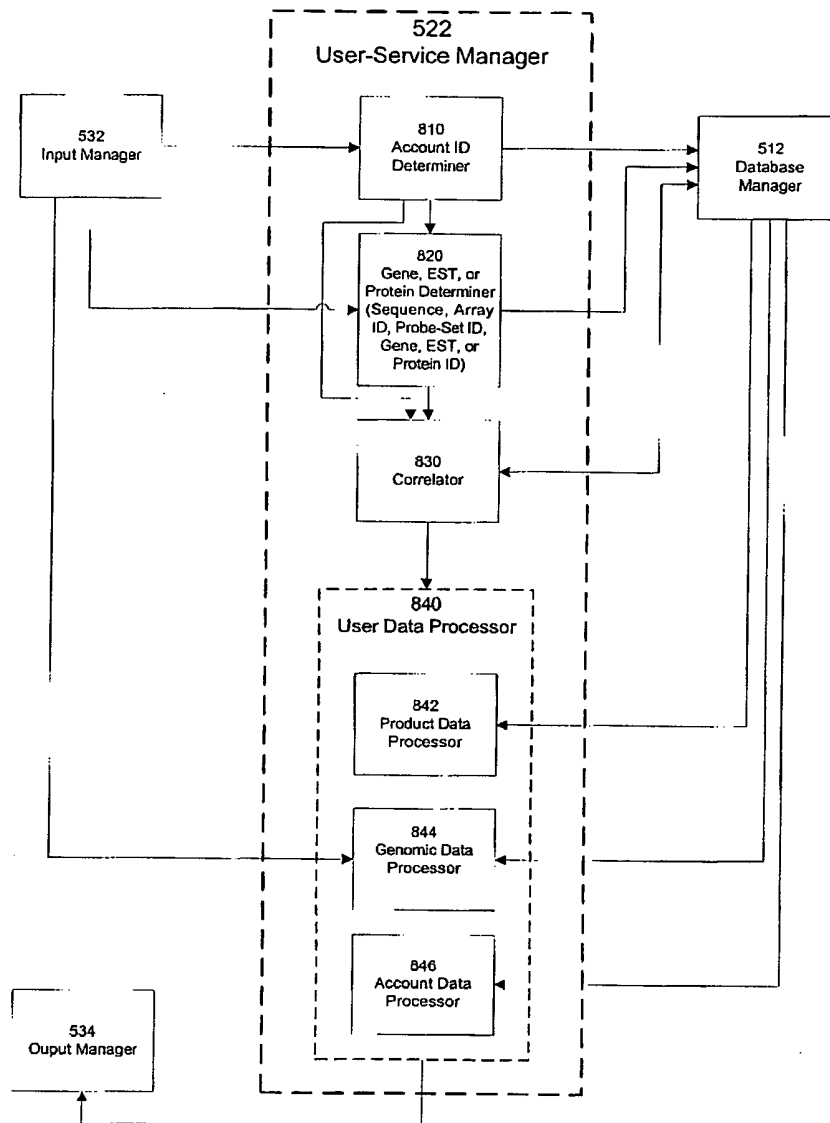


FIGURE 9

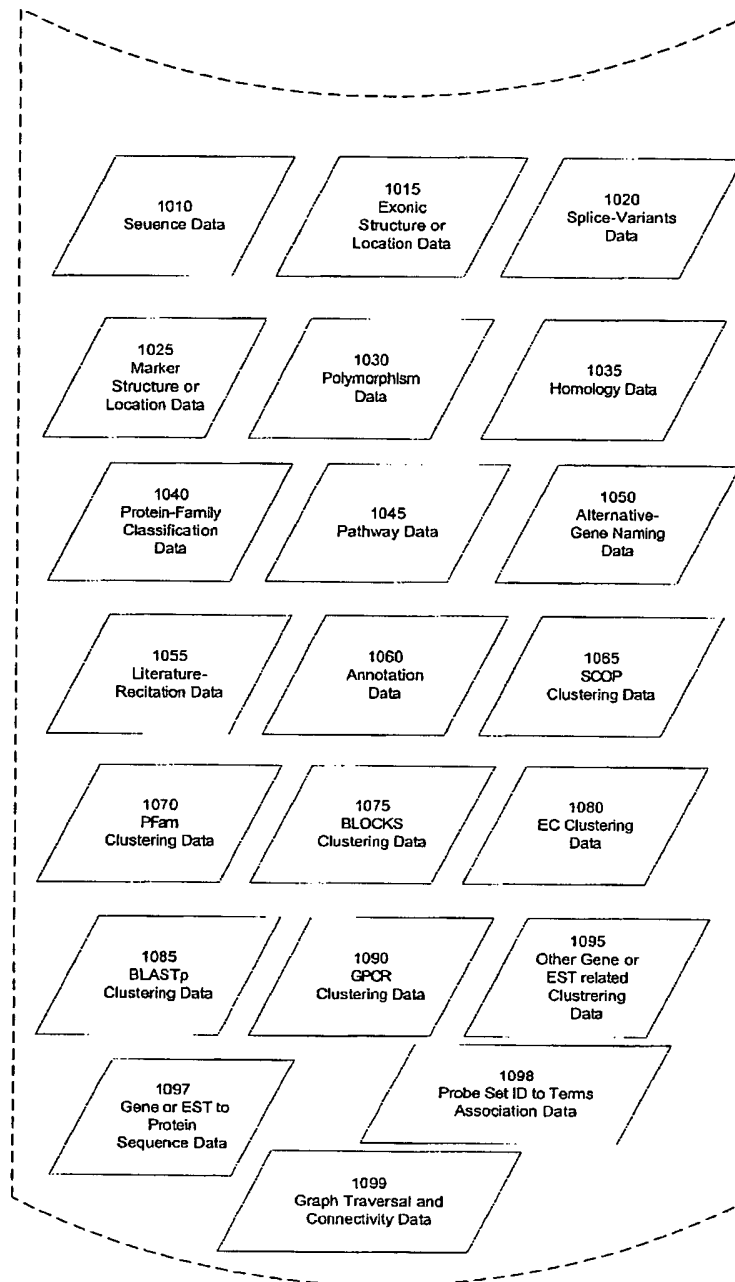
513  
Gene or Probe-Set ID  
to Products and/or  
Genomics Databases

902 Gene or EST ID	904 Link to Probe-Set IDS 912
ID 902A	Link 904N
ID 902B	Link 904N
ID 902C	Link 904M

912 Probe-Set ID (accession #, sequence, etc.)	914 Array ID	916 Links to Related Product and/or Genomic Data IDs
Probe-Set 912A	Array 914N	Links 916A
Probe-Set 912B	Array 914N	Links 916B
Probe-Set 912C	Array 914P	Links 916C
Probe-Set 912D	Array 914Q	Links 916D
Probe-Set 912E	Array 914N	Links 916E

922 Product and/or Genomic Data ID	924 Link to Local Products Database 514 and/or Genomic Database 518	926 Links to Vendor or Genomic Database Web Pages
Product/Genomic ID 922A	Link 924A	Links 926A
Product/Genomic ID 922B	Link 924B	Links 926B
Product/Genomic ID 922C	Link 924C	Links 926C
Product/Genomic ID 922C	Link 924D	Links 926D
Product/Genomic ID 922D	Link 924E	Links 926E

Figure 10

518  
Local Genomic  
and/or Product  
Database

Figur 11

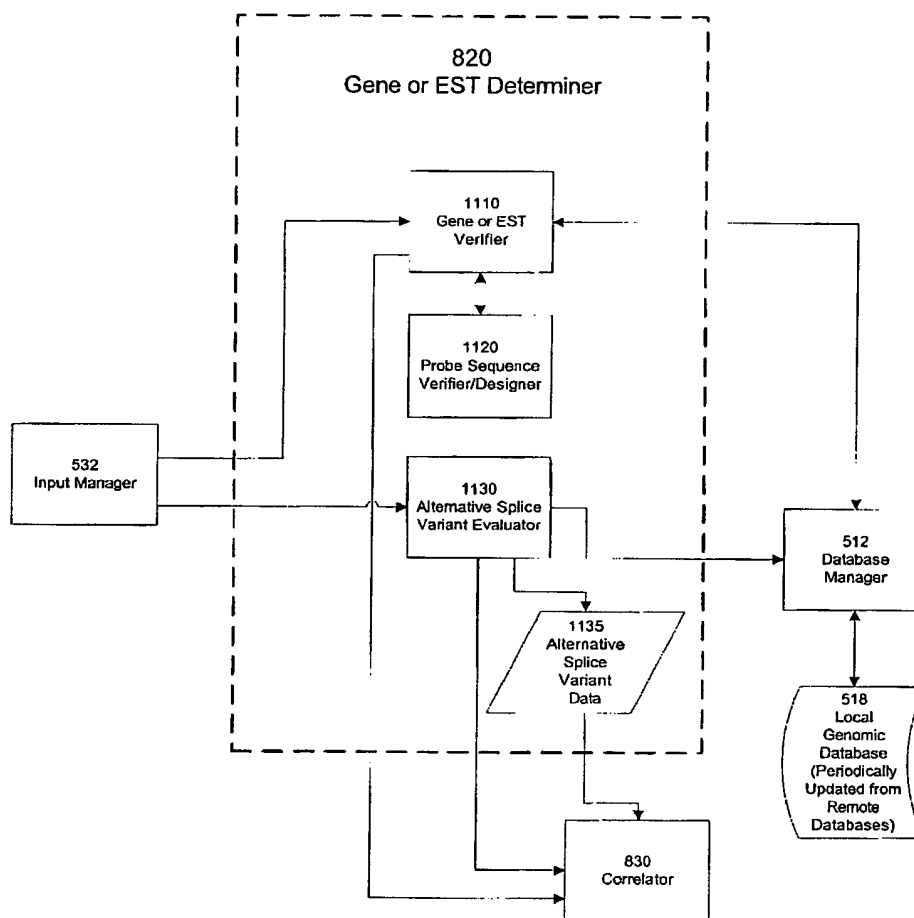
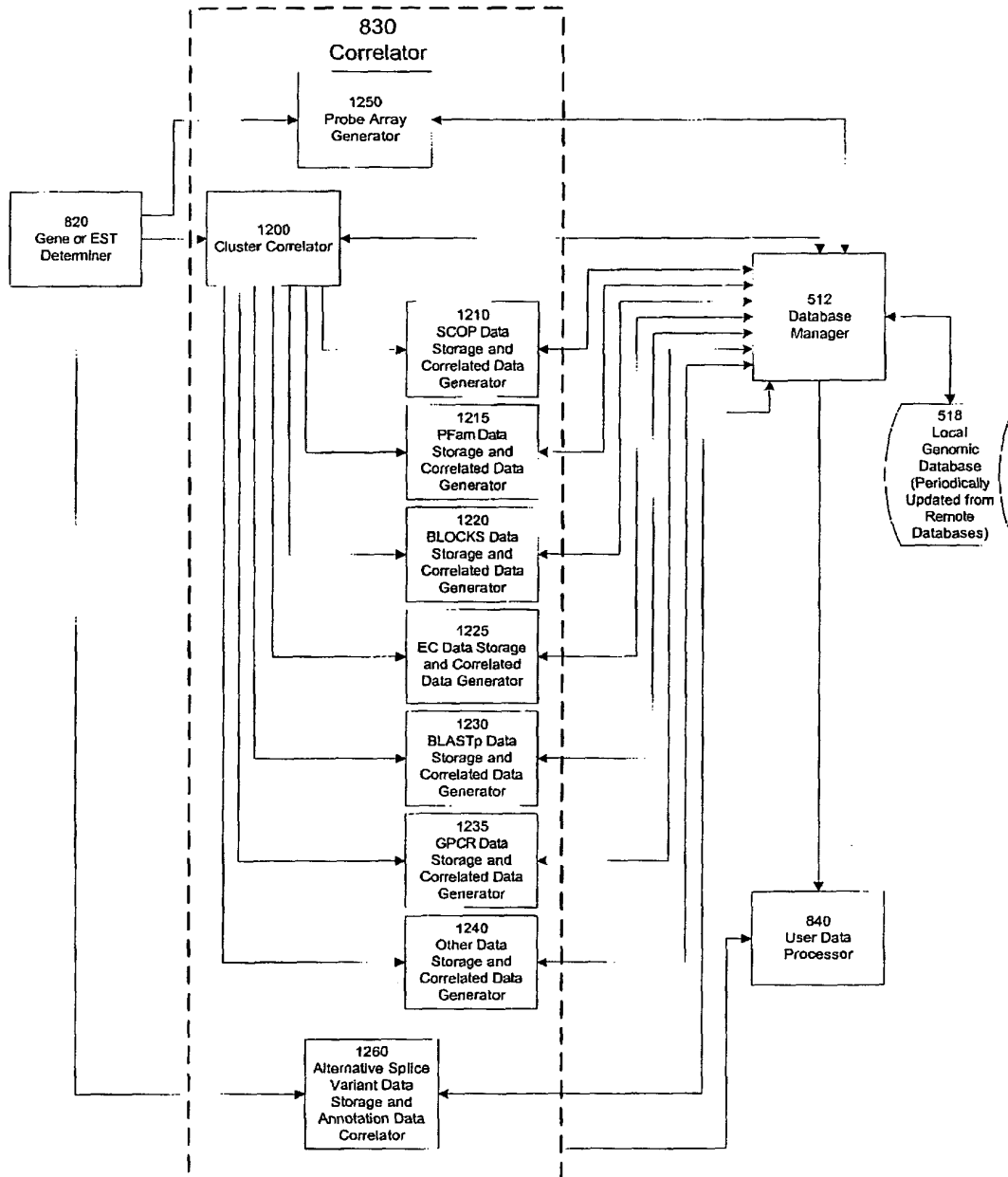
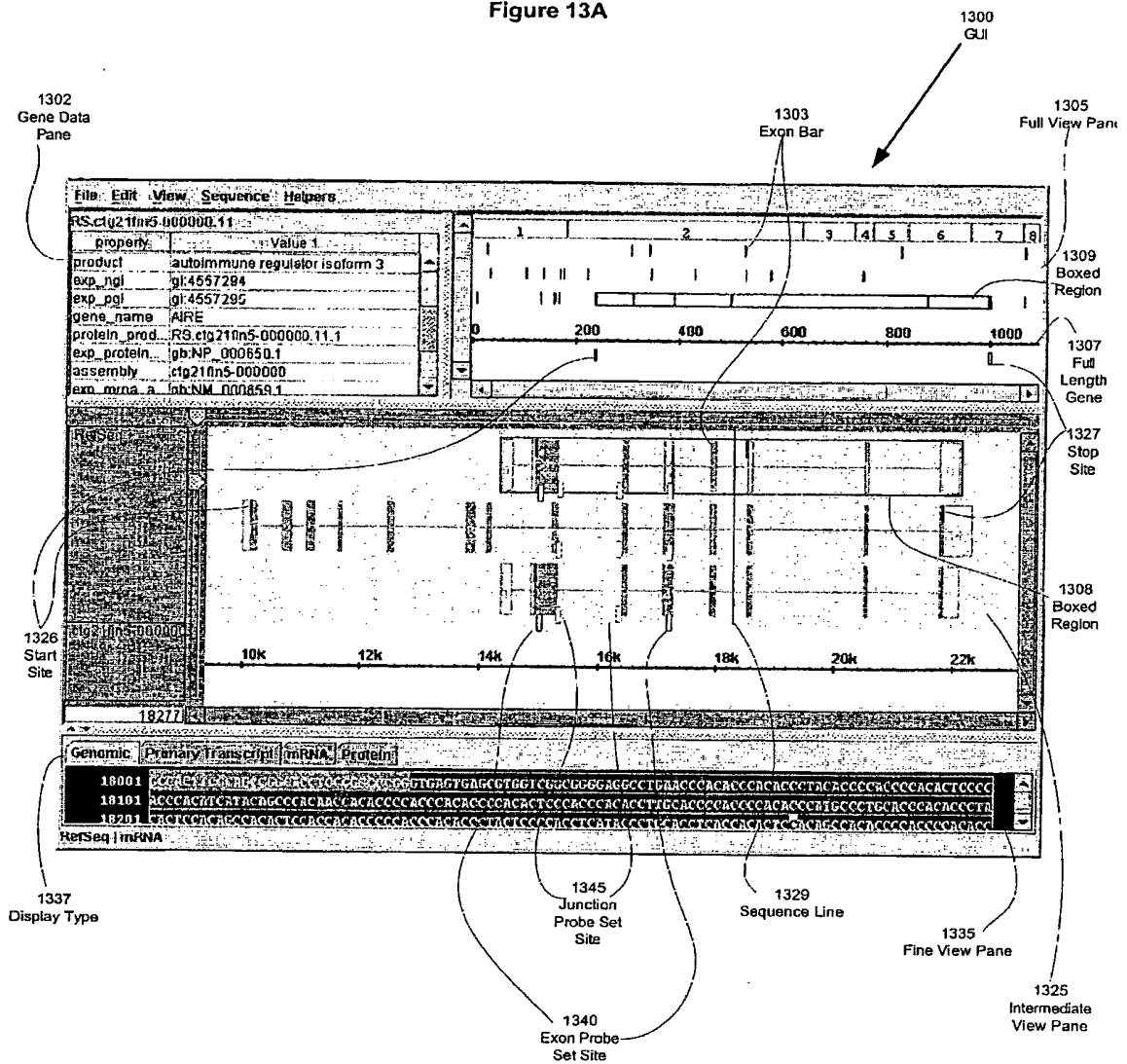


Figure 12



**Figure 13A**



Figur 13B

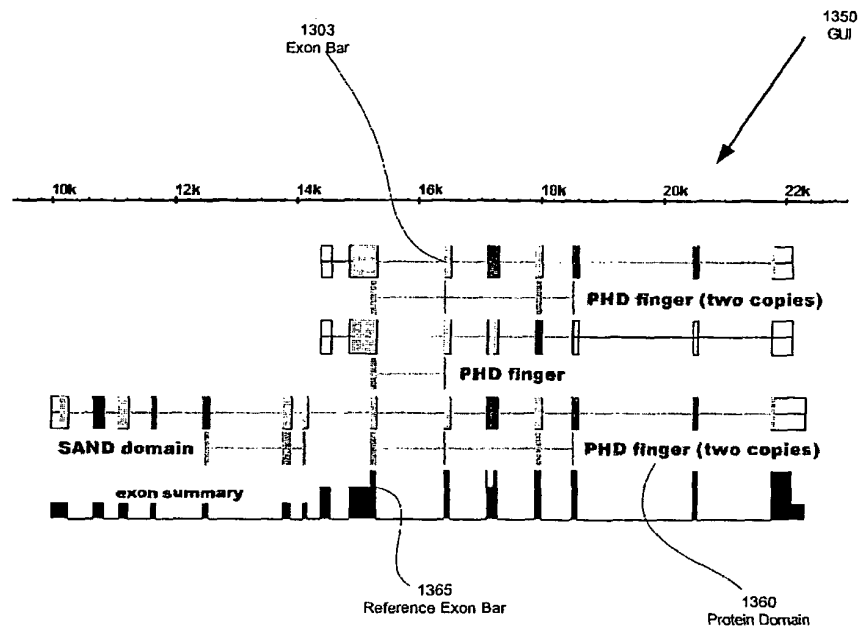




Figure 14

1400  
GUI

**Custom Design**

**Array Description**

1405  
User Selectable  
Description Input Field

**Array Name**

1410  
User Selectable Name  
Input Field

**Search for Probe Set Identifiers**

1420  
Probe Set Identifier  
Search Button

**Upload Probe Set Identifiers**

1425  
Probe Set Identifier Upload  
Button

**Paste Sequence For Verification and Probe Set Design**

1430  
User Selected Sequence  
Input Field

**Shared Probe Array Availability**

1435  
Shared Probe Array  
Availability Field

**Submit**

1440  
User Selection Submission  
Button

Figure 15

